

**PRE-WARMING PORTIONS
OF AN INKJET PRINthead**

ABSTRACT

5 An embodiment of a printing system is provided with an inkjet printhead having plural portions each having an ink-ejecting nozzle. The printing system includes plural heater elements each associated with one of the plural portions to pre-warm ink dispensed by the nozzle of the associated portion in response to a pre-warming signal. The printing system also
10 includes a controller configured to generate the pre-warming signal for one or more heater elements based on a selection criteria for generating the pre-warming signal only when the nozzle of said associated portion is required to eject ink during an upcoming print swath.